

# INTERFACE FOR SUBMITTING RICHLY-FORMATTED DOCUMENTS FOR REMOTE PROCESSING

## Abstract

5           An application programming interface (API) for submitting a richly-  
formatted text selection or document to a remote machine translation server for  
translation is provided. A software application program, such as a word processor,  
requests from a redirector server, the uniform resource locator (URL) of a remote  
machine translation server. All formatting, images, including pictures, drawings and the  
10 like, and other data objects not requiring translation are saved in a temporary file. The  
word processing software application opens an instance of an Internet browser, and the  
Internet browser submits the text selection to the remote machine translation server via  
the Internet, an intranet, or other distributed computing environment. The machine  
translation server translates the text selection and returns the translated text selection to  
15 the Internet browser at the client level. The translated text selection is displayed as a by  
the Internet browser, and all formatting contained in the original pre-translated document  
is maintained. Images and data objects not requiring translation, and previously saved in  
a temporary file on the user's computer are displayed with the translated text in the same  
positions and order as they were in the pre-translated document.